

**ABSTRACT**

A sputtering coil for a plasma chamber in a semiconductor fabrication system is provided. The sputtering coil couples energy into a plasma and also provides a source of sputtering material to be sputtered onto a workpiece from the coil to supplement material being sputtered from a target onto the workpiece. Alternatively a plurality of coils may be provided, one primarily for coupling energy into the plasma and the other primarily for providing a supplemental source of sputtering material to be sputtered on the workpiece.

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